

AMENDMENTS TO THE CLAIMS

Claims 1-4 (Canceled)

Claim 5 (New) A rack structure comprising:

a first toothed bar;

a second toothed bar;

an intermediate joint made of a resin material, joining proximal ends of said first toothed bar and said second toothed bar, and having a first nail and a second nail;

wherein when said first toothed bar is placed on said second toothed bar, with said teeth of said first toothed bar longitudinally offset with respect to said teeth of said second toothed bar, said first nail contacts said second nail so as to cause a restoring force when said teeth of said first toothed bar are aligned with said teeth of said second toothed bar.

Claim 6 (New) A rack structure according to claim 5, wherein

said intermediate joint integrally connects proximal ends of said first toothed bar and said second toothed bar.

Claim 7 (New) A rack structure according to claim 6, wherein

said intermediate joint has a substantially U-shape;

said first nail is formed on a lower surface of an upper leg of said intermediate joint; and
said second nail is formed on an upper surface of a lower leg of said intermediate joint.

Claim 8 (New) A rack structure according to claim 7, wherein

said first nail and said second nail are triangular in shape, and a sloping side of said first nail engages a sloping side of said second nail to cause the restoring force.

Claim 9 (New) A rack structure according to claim 5, wherein
one of said first toothed bar and said second toothed bar has hooks on a side thereof;
the other of said first toothed bar and said second toothed bar has holes therein; and
said first toothed bar and said second toothed bar are fastened together by inserting said
hooks through said holes so that said hooks are caught by edges of said holes.